Page 1

QC5- Inspect part completeness to step on W/O

0.00

110 QC

Quality Control

Memo

0.00

111

Weld bushing and grind weld Fluch 55. Rod Batch: M109213

10.01.04

Dart Aerospace Ltd

	•								
W/O: W(ORK ORDER CHANGES						
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate		_ NCR: Ye	s No [)QA:	Date:	, t
Resolution:			Disposition	n:	QA: N/C Closed: Date:				
NCR:			WORK ORD	R NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			ion B		rification	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sigr Da		ection C	Chief Eng	QC Inspector
						ŀ			
						E.			
l I			·						

NOTE: Date & initial all entries

Quality Control

Page 2

November 25, 2009 3:17:59 PM Item ID: D3916-041 Accept Setup Start **Revision ID:** Aft Rib Assembly Item Name: Start Qty: 1.00 **Start Date:** 11/26/2009 **Cust Item ID:** Req'd Qty: 1.00 **Required Date: 12/11/2009 Customer:** Reference: Run Start Process Plan: **Approvals:** Date: Tooling: Date: Stop QC: Date: ____ SPC (Y/N): Date: Sequence ID/ Operation Draw Draw Plan Reject Set Up/ Accept Reject **Work Center ID** Description Qty Qty Number Code **Run Hours** Rev. Number Stamp 120 QC10- Inspect visual per QS1004- ground welds Memo Quality Control Identify as per dwg & Stock Location: basked 130 PD 15.01.04 Packaging 0.00 Memo Packaging 140 QC21- Final Inspection - Work Order Release 0.00

0.00

Memo

(DO3000A JAN 06

POSITIVE RECALL RELEASED

Dart Aerospace Ltd	D	art	Aer	OS	oac	e l	∟td
--------------------	---	-----	-----	----	-----	-----	-----

									
W/O:	W/O:		WORK ORDER CHANGES						f. , , ,
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date	Date Qty Approval Chief Eng / Prod Mgr		Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	 NCR: Ye	s No D	QA:	Date: _	
Resolution:			Disposition	n:	QA: N/C Closed: Date:				
NCR:			WORK ORD	ER NON-CONFORM	ANCE (NO	CR)			
DATE	STEP	Description of NC			ion B	Veri	fication	Approval	Approval
	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sigi Da		ction C	Chief Eng	QC Inspector
					·				
				,					
		•							
	1 1		1		ı	į.		1	ľ

NOTE: Date & initial all entries

Picklist Print

November 25, 2009 3:17:59 PM

Work Order ID: 54014

D3916-041RevA-PROTO

Parent Item Name:

Aft Rib Assembly

Comments:

Parent Item:

IPP RevA: new issue DD 09.11.23 verified by:EC

Manufactured

11111	1111	1111	1111	12121	11818	1188	11

Start Date: 11/26/2009

Required Date: 12/11/2009

Start Qty: 1.00

Required Qty: 1.00

Component Ite	em ID.
Item Name	

Replacement Mfg/ Item ID

Purch

Bin Primary Item Location Last Location

Route Seq ID

Unit of Measure

Qty on Hand

Remaining Qty To Pick Issued

Oty

Date Issued

Status

D3759-1RevA

Bushing

100

Each 36.0000 4.0000

No

Warehouse Loc Qty Location Main Warehouse WA 36 53442 36

100 f Loc Code

B 54072 -> 3x PD 10.01.04 853442 -> 1x PD 10.01.04

164.6000 4.7368

M304TS0.750W.049 Purchased

304 SQ Tube .75x.75x.049W

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
MAT	164.6	
103240	10	
===106604	16.6	
107460	38	
109087	100	

Dart Aerospace Ltd

W/O:	-		V	ORK ORDER CHA	NGES		···•			, t
DATE	STEP	PRO	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					ž					
Part No		PAR #:								
	R	esolution:	Disposit	ion:	QA:	N/C CIO	sed:		Date:	
NCR:			WORK OR	DER NON-CONFOR	MANCE	(NCR)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Action Description Chief Eng	Section B	Sign & Date	Verific Section		Approval Chief Eng	Approval QC Inspector
		·								
				į						
			·							
						····				

NOTE: Date & initial all entries

		Rece	iving Rep	ort		
	Date: Sylag Supplier: WAGNA	——————————————————————————————————————	Bato Dart	ch No: <u>M/</u>	125087	
Packing Slip Involce: Receipt: Discrepancie	Yes No Cr	y S	Release Note / Vaybill Attache Shipment Com PC6 Inspection Vork Order	Attached: Yed: Y	es KN	0 _ N/A _
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
			٥			
	·					
		Initials	of receiver (if shipment (OK) Level 1	1/2
Production/ADate Received/Control Initial	08109100				Locatio	n

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D



Magna Stainless division de CSM Inc.

525 Meloche Ave., Dorval (Québec) H9P 2W2 Tél.: (514) 631-1211 • Fax: (514) 631-0013 Sans frais/Toll free: 1-800-363-6646 ISO 9001-2000

N° FACTURE / INVOICE NO. 164382

VENDU À - SOLD TO

DART
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO
K6A 1K7

EXPÉDIÉ À - SHIPPED TO

MEME - SAME

	K6A 1K7						
DATE	Nº LIVR DEL. N	O. PAR - VIA	Nº COMM. DU CLIENT CUST, ORDER NO.	CONDITIONS - TERMS	Nº T.V.Q Q.S	.T. NO.	Nº T.P.S G.S.T. NO.
					12132364	17 1	881565899 RT000
ug29/08	3 0174394	NIR:R-557065-1	7019				
QTÉ EXP. TY SHIPPED	304 180 GRIT	DESCRIPTION		POIDS EXPÉDIÉ WEIGHT SHIPPED	PRIX - PRICE	UNITÉ UNIT	TOTAL
. 5 3	3/4" SQ 18GA HEAT TUYU23				28.00	PCS	140.0
	Heat # 174						
g	SHIPPED WITH						
ļ							
			8				
1							
		RECEIVED	SEP 0 8 2008				
		((202)					
							~
1							
			•				
į							
		Sub-Total					140.00
		G.S.T.					7.00
AIMODA'O RIA	IISTRATION DE 11/2% P	PAR MOIS (18% PAR ANNÉE) SU PAR LES LOIS DE LA PROVINCE	JR COMPTE PASSÉ DÛ.		TOTA		147.00

Dart Aerospace Ltd

Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7 Phone: (613) 632-3336 Fax: (613) 632-4443

Receiving Slip	Re	cei	vin	a S	ail
----------------	----	-----	-----	-----	-----

Page 1 Sep 2, 2008

Receipt Number RCP00008763

Pitto	haca	Erom.

Magna Stainless 525 avenue Meloche Dorval, QC H9P 2W2 Canada

Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7

Reference				
Reference	Description	Contact	Vendor Number	PO Number
L			VC-MAG002	PO00007019

Vendor Item Number	Item Number	Description	Qty. Received	UOM	Unit Cost	Extended Cost	Arrival Date
	M304TS0750W049	304 SQ Tube .75x.75x.	100.0000	f	1.400000	140.00	Sep 02, 2008
•	:	MATERIAL: AISI 304 B/N109087	/316 SS SQU	ARE TUBI	NG		
	·	,					
							····
							.

Comments:

M	A	G	Nanyi Manayi	A

MAGNA STAINLESS DIV. DE CSM INC. 525 MELOCHE AVE.

DORVAL, QUEBEC H9P 2W2 (514) 631-1211 FAX: (514) 631-0013

> LIVRÉ À / SHIP TO:

DART AEROSPACE LTD _270 ABERDEEN STREET **IAWKESBURY** NTARIO

K6A 1K7

COMMANDE SALES ORDER

INSTRUCTIONS SPECIALES / SPECIAL INSTRUCTIONS

711111110	1011 4,107	Ĝ.		· · · · · · · · · · · · · · · · · · ·	$(\mathcal{P}_{i,\cdot})$
COMPANY CONTRACTOR OF THE PROPERTY OF THE PROP	cos de cristan Cos de cristan	. BOST D. ACHA / DOTC. LETT. . COSTONER BUTCHING GOORS .	RY, DE CREEPHONE, DU CLARATE. CLISTOMES, CELETHONE, MUNICIPAL.	ST DE TELÉCOP (VISTORIE)	TEUR DOS CLIMATE TO THE STATE OF THE STATE O
0174394	DART	7019	613 632-5200	632-1053	
Diavresvia — Tabip via	COMPLITIONS - TERRIS - SEC.	DATE COMMENDES 3	Servojas grādi.	DATE DEUTVERED	Nº DU/VENDEUR SALES REP NO.
NIR:R-557065-1	NET 30	Aug-26-08	Aug-29-08	:	15 26 EB
CONTRÔLE DE QUALIT CUSTOMER QUA		CONTRÔLE DE QUALITE DE HAGNA REQUIS HAGNA QUALITY RELEASE REQ.D.		PREPAID	PERCEVOIR COLLECT COLL
COMMANDER A COMMITTER BOOK	UNITE: N° DESCOULÉE. UNIT REAT MORES	DESCRIPTION	OTE LLYREL OTE SHEPPED	PRIX PAR PRICE FER	TAR ENOCITORS OF L. USINE (1). PLANT INSTRUCTIONS (1).
£α. 5	304 180	GRIT 18GA X 20	100/474	5 pc	
	тота				LBS
BER OF BOL'S	MTR-AVEC COMMANDE POST MTR'S-WITH ORDER MAI		**PACKT	NG STITE BON	D'EMBALLAGE**
	080826 N° DE COULÉE ÉTAMPER SUR LE CÔTÉ HEAT NO. STAMP ONE END		TOWN	Je Jen Jen Jen Jen Jen Jen Jen Jen Jen J	REVISION 'E' - 07/01 - FORM 8008
TEKIEL REÇU EN BON ETA	T PAR / MATERIAL RECEIVED IN GOOD	CONDITIONS BY:	<u>_</u>		•



WINNER STAINLESS STEEL TUBE CO.,LTD









ORIGINAL

MILL TEST CERTIFICATE

TEL: +86~20~86847851

Issued Date:2006/10/12

ADDRESS: 3RD INDUSTRIAL PARK, XIAOBU VILLAGE, HUASAN TOWN, HUADU DISTRICT, GUANGZHOU, P.R.C. FAX: +86~20~86941744

Certificate No.: GUL-F684

52

52

55

55

Customer:

Order No.: 119

Order No	. 113									00					
Art	ticle:Stainless	steel mecha	anical struc	tures we	lded tube		Specifica	ition: ASTN	M A554-03			_			
Item No.	Size		-γ		Net Weight	Туре	Hea	at No.	Annealed Tem	perature	Hold Time (minute)	Cooling	Surface Finish	Hydrostatic Test (psi)	ET
6~7#	3/4"SQ×	18GA	20'	200	816.86	MT304	TU-YL	J238460	_		-		180Grit	-	
	3/4 SQ×		20'	48	196.05	MT304	 	J238460	_		_	_	180Grit		
8#			20'	400	2145.80	ļ		J238951				_	180Grit		<u> </u>
9~12#	3/4"SQ×		20'	27	144.84	MT304		J238951				-	180Gril		
13#	3/4"SQ×		20'	19	101.93	MT304	1	J142400					180Grit	_	
14#	3/4"SQ×	TOGA	Chemi	<u> </u>	mposition		10.0	7.12.00				Mechan	ical Test		
	С	Mn	P	S		Si	Ni	Cr	Мо	T. S	(Ksi)	Y. S.(Ksi)	Elongation((%) Flat	ttening
MIN		1.000					8.00	18.00	1			> 20	≥35	<u> </u>	2/3D
MAX	0.080	2.00	0.040	0.0	30 1	.00	11.00	20.00	_	` ≧	≥75	≧30	≥30		
WAX	0.000	200	3.040	1 0.0		- t.,		l							

18.14

18.14

18.29

18.29

18.21

8.08

8.08

8.09

8.09

8.09

0.47

0.47

0.36

0.36

0.44

0.004

0.004

0.005

0.005

0.007

6~7#

9~12#

13#

14#

Corrosion test: as per ASTM-A262, Practice E :accepted.

1,49

1.49

1.44

1.44

1.41

0.038

0.038

0.031

0.031

0.035

2. Dimensions & Visual good.

3. Materials are free from mercury contamination.

0.025

0.025

0.026

0.026

0.023

We, Winner Stainless Steel Tube Co., Ltd., hereby certify that the products described herein have meanufactured in accordance with the standards and specifications specified as above and meet the requirement

95

95

99

51

51

49

49

50

Q. C. Manager/Work Inspect

Page:2/8

good

good

good

good

good



Purchase Order

Date Aug 25, 2008

Page

Purchase Order Number PO00007019

Dart Aerospace Ltd 1270 Aberdeen St Hawksbury, Ontario K6A 1K7

Fax:

Phone: (613)632-9577 (613)632-1053

Vendor Address:

Magna Stainless 525 avenue Meloche Dorval, QC H9P 2W2

Canada Phone Fax

(800) 363-6646 (514) 631-0013

Ship To:

Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St

Hawksbury, Ontario K6A 1K7

Reference	Contact	Vendor Number	PO Date	Terms	Ship Via	Expected Arrival	1
		VC-MAG002	Aug 25, 2008	N30	yours	Aug 26, 2008	

<u> </u>	Ordered	Item Number	De	escription	Expected Arrival	Drop- Ship	Unit Cost	UOI	VI	Extended Price
-3	320.0000	M304S16GA Col		6 Sheet .063 MATERIAL: AISI 30	8/26/2008 4/316.SS SHI	No ET	6.406250	sf		2.050.0
				PER MIL-S-5019 (A	NNEALED) 21	FINIS	H			
/3	320.0000 -	M304S22GA Col		6 .032 Sheet AS ABOVE	8/26/2008	No	3.281250	sf	i	1,050.00
	100,0000	M304TS0750W049 Coi		Tube .75x.75x.0 MATERIAL: AISI 30	8/26/2008 4/316 SS SQI	No JARE T	1.400000 JBING	f		140.00
(CX)	/8 0.0000	M6061T6A1000W125 Cor		ANGLE 1.00 x 1. MATERIAL: 6061-TO PER AMS-QQ-A-20	/T6510/6511	No ALUMI	0.675000 NUM ANGLE	f		54.00
/2	200.0000	M6061T6TS1000W12 Cor	6061T6 ments:		8/26/2008	No 51/T651	1.500000 0/T6511/T62 SQU	f JARE		300.00
1/2 X	1/27			PER AMS-QQ-A-22	/8 OR AMS 4	117/41	28/4115/4116 OR			i •
- 4	"		İ	PER AMS-QQ-A-20	/8 OR AMS 4	160				
		MATERIAL CERTIFIC REQ'D UPON DELI	ATION ERY	M139 M109	:.57 :087					
Comm	nents:				/			·		
Comi	nencs.			Tax Summary: GST ONTPST		9.70 0.00	Less:			
						J. 00	included tax Subtotal			0.00
				Entered By:) CLAVOIE		Total tax			3,594.00 179.70
						/	Total purchase of	rder in		· · · · · · · · · · · · · · · · · · ·
				Approved By:	1		CAD Dollars			3,773.70

DART AEROSPACE LTD

Work Order: 54014

Description: Rib Template (135/6-1)

Inspection Dwg: Rev: Prelim A

Page 1 of 1

inspection Dwg	. Rev.	FREINME L	7			<u>P</u>	age 1 of 1					
FIRST ARTICLE INSPECTION CHECKLIST												
	X First Article Prototype											
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method o		omments					
16.00	7030"	16.00	V									
25.00	7030"	2520	0									
20.71	7/035"	20.72	0									
105°	MALLER	As per	3.50	Bend.	y Die		·					
					7							
				- <u></u>								
		-										
Measured by:	//	Audited by:] [Prototype	Approval:	N/A					
Date:	21/12/21	Date:				Date:	N/A					
Rev Date	Change					Revised by						
						INTIDEM DY	IMPRIOREG					

Rev	Date	Change	Revised by	Approved
Α		New Issue	KJ/JLM	





